SDG FA46163

341706796

SGS ACCUTEST

CHAIN OF CUSTODY

4405 Vineland Rd, Suite C-15, Orlando, FL 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.sgs.com

FED-EX Tracking #	Bottle Order Control #
SGS Accutest Quote #	SGS Accutest Job # FA46163X

Client / Reporting Information	Project Information	Billing Information (if different from Report to)
Company Name: SGS Accutest	Project Name: FA46163X	
Street Address: 4405 Vineland Rd, Suite C-15	Street	
City: Orlando State: FL Zip: 32811	City: State: TX	Company Name
Project Contact: andrea.colby@sgs.com E-mail	Project #	Street Address
Phone #: 386-615-8479 Fax #	Client Purchase Order #	City State Zip
Sampler(s) Name(s): SM Phone	Project Manager	Attention

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

SGS Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	ASBESTOS	LAB USE ONLY
2X	T030GL-WC17		7/26/17	7:45:00 AM	SM	SO	1					1				X	
3X	T030GL-WC18		7/26/17	8:40:00 AM	SM	SO	1					1				X	
4X	T030GL-WC19		7/26/17	9:30:00 AM	SM	SO	1					1				X	
5X	T030GL-WC20		7/26/17	10:00:00 AM	SM	SO	1					1				X	
6X	T030GL-WC21		7/26/17	10:45:00 AM	SM	SO	1					1				X	
7X	T030GL-WC22		7/26/17	11:10:00 AM	SM	SO	1					1				X	
8X	T030GL-WC23		7/26/17	12:20:00 PM	SM	SO	1					1				X	

Turnaround Time (Business days)

Approved By (SGS Accutest PM) / Date:

- [ ] 10 Day (business)
- [ ] 5-7 Day
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [X] other 14

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC summary)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [X] DOD FULT1 (Level 4)
- [ ] Other

Comments / Special Instructions: EMSL-FL

(b) (6) [redacted]

(b) (6) [redacted]

me samples change possession, including courier delivery.

Relinquished By:	Date Time	Received By
1	7/27/17 180	2
Relinquished By	Date Time:	Received By:
3	7/28/17	4
Relinquished by:	Date Time:	Custody Seal #
5		

- [ ] Intact
- [ ] Not Intact

Preserved where applicable [ ]

On Ice [ ]

Cooler Temp

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FA46163

CAPE

CAPE ENVIRONMENTAL MANAGEMENT INC
404 E. Ramsey, Suite 206
SAN ANTONIO, TX 78216

CHAIN-OF-CUSTODY RECORD

(If no box checked use routine)
☒ Routine
☐ Urgent
☐ EMERGENCY

* 2 coolers

Chain of Custody Number: TO30GL05	Project Manager (Print): Mike Bowlby	CAPE Project Manager (Print): Krishna Nalavala	Laboratory: SGS Accutest
Contractor: CAPE	Project Name: Corrective Action at Fort Bliss	Sampler's Name (Print): Seth Moorehead (b) (6) [redacted]	Laboratory Contract Number
ERPIMS Yes ___ No X	Site(s) Oro Grande Landfill		ANALYSES REQUESTED

	Sample Number LNNNNNNNN	Station Number LLNNNLLNNN	Sample Type (E-21) See VVL	Sample Matrix (E-17) See VVL	Sample Method (E-23) See VVL	Begin Depth NN.N	End Depth NN.N	Date dd mmm yy NN LLL NN	Time 24 HR NNNN	Field Lot Number NNNL	Number of Containers N	Asbestos	IGN, CORR, SREAC, CREAC	P8082 PCB B8015 GRO	TCLP FULL	V8015GRO	V8260TCLP		See Notes
1	TO30GL-WC-TB03		TB-1	WQ	NA	NA	NA	07/26/17	0600	001A	4					X	X		
2	TO30GL-WC17		N-1	SO	SS	7.-5	13.-0	07/26/17	0745	000A	6	X	X	X	X	X	X		
3	TO30GL-WC18		N-1	SO	SS	6.-0	13.-0	07/26/17	0840	000A	6	X	X	X	X	X	X		
4	TO30GL-WC19		N-1	SO	SS	4.-5	11.-0	07/26/17	0930	000A	6	X	X	X	X	X	X		
5	TO30GL-WC20		N-1	SO	SS	4.-5	13.-5	07/26/17	1000	000A	6	X	X	X	X	X	X		
6	TO30GL-WC21		N-1	SO	SS	4.-5	9.-0	07/26/17	1045	000A	6	X	X	X	X	X	X		
7	TO30GL-WC22		N-1	SO	SS	4.-5	10.-5	07/26/17	1110	000A	6	X	X	X	X	X	X		
8	TO30GL-WC23		N-1	SO	SS	6.-0	10.-5	07/26/17	1220	000A	6	X	X	X	X	X	X		

(b) (6) [redacted]	Date/Time: 07/26/17 1430	Received By (Signature): F4	Date/Time	PROTOCOL (circle one): HAZWRAP (EPA) OTHER
				QC LEVEL (circle one): 1 2 3 (4) 5
F4	Date/Time	Received By (Signature): (b) (6) [redacted] 9:00 7-27-17	Date/Time	FOR LABORATORY USE ONLY — CONDITIONS OF SAMPLES UPON RECEIPT
Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time	CHAIN OF CUSTODY Y N ICE; REQUEST FOR ANAL Y N TEMP; CUSTODY SEAL Y N pH
Sample Shipped Via (circle one): UPS (FED-EX) AIRBORNE BUS HAND OTHER		Waybill Number:		SAMPLE CONDITION

REMARKS (Notes):
1)
2)
Run the MATRIX SPIKE / MATRIX SPIKE DUPLICATE on:

2.2

6.1

6

FA46163: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: FA46163 **Client:** CAPE **Project:** CORRECTIVE ACTION AT FORT BLISS

Date / Time Received: 7/27/2017 9:00:00 AM **Delivery Method:** FX **Airbill #'s:** 804726011232

Therm ID: IR 1; **Therm CF:** 0.4; **# of Coolers:** 1

Cooler Temps (Raw Measured) °C: Cooler 1: (1.8);

Cooler Temps (Corrected) °C: Cooler 1: (2.2);

Cooler Information	Y	or	N
1. Custody Seals Present	☑		☐
2. Custody Seals Intact	☑		☐
3. Temp criteria achieved	☑		☐
4. Cooler temp verification	IR Gun		
5. Cooler media	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler	☑		☐	☐
2. Trip Blank listed on COC	☑		☐	☐

	W	or	S	N/A
3. Type Of TB Received	☐		☑	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles	☑		☐	
2. Samples preserved properly	☑		☐	
3. Sufficient volume/containers recvd for analysis:	☑		☐	
4. Condition of sample	Intact			
5. Sample recvd within HT	☑		☐	
6. Dates/Times/IDs on COC match Sample Label	☑		☐	
7. VOCs have headspace	☐		☐	☑
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc. Information

Number of Encores: 25-Gram _____ 5-Gram _____ Number of 5035 Field Kits: _____ Number of Lab Filtered Metals: _____

Test Strip Lot #s: pH 0-3 230315 pH 10-12 219813A Other: (Specify) _____ _____

Residual Chlorine Test Strip Lot #: _____

Comments

SM001
Rev. Date 05/24/17

Technician: PETERH Date: 7/27/2017 9:00:00 AM Reviewer: PDS Date: 7/27/2017

6.1
6

FA46163: Chain of Custody
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SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC-TB03		
Lab Sample ID:	FA46163-1	**Date Sampled:**	07/26/17
Matrix:	SO - Trip Blank Soil	**Date Received:**	07/27/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0123018.D	1	07/28/17 12:29	EP	n/a	n/a	VC4871
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

VOA TCLP List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	2.0 U	2.0 U	5.0	2.0	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	15 U	15 U	25	15	7.3	ug/kg	
56-23-5	Carbon Tetrachloride	2.0 U	2.0 U	5.0	2.0	1.0	ug/kg	
108-90-7	Chlorobenzene		2.0 U	5.0	2.0	1.0	ug/kg	
67-66-3	Chloroform		2.0 U	5.0	2.0	1.3	ug/kg	
106-46-7	1,4-Dichlorobenzene		2.0 U	5.0	2.0	1.2	ug/kg	
107-06-2	1,2-Dichloroethane		2.0 U	5.0	2.0	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene		2.0 U	5.0	2.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene		2.0 U	5.0	2.0	1.3	ug/kg	
79-01-6	Trichloroethylene		2.0 U	5.0	2.0	1.0	ug/kg	
75-01-4	Vinyl Chloride		2.0 U	5.0	2.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		75-124%
17060-07-0	1,2-Dichloroethane-D4	114%		72-135%
2037-26-5	Toluene-D8	96%		75-126%
460-00-4	4-Bromofluorobenzene	94%		71-133%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC-TB03		
Lab Sample ID:	FA46163-1	**Date Sampled:**	07/26/17
Matrix:	SO - Trip Blank Soil	**Date Received:**	07/27/17
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080619.D	1	08/04/17 22:42	AJC	n/a	n/a	GUV4267
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.5 U ~~2.5 U~~	5.0	2.5	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-149%
98-08-8	aaa-Trifluorotoluene	92%		66-132%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC17
Lab Sample ID: FA46163-2 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 96.8
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0985840.D	10	08/04/17 15:26	DP	08/02/17 14:00	OP66240	VJ5682
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050UJ	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035 U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050U	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	00039B	0.0039	D022	6.0	0.010	0.0050	0.0030	mg/l	JB
106-46-7	1,4-Dichlorobenzene	0.0050U	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0050UJ	0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0050 U	0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride	0.0050 U	0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC17
Lab Sample ID: FA46163-2 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 96.8
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L0692673.D	1	08/10/17 17:57	NJ	08/04/17 08:15	OP66301	SL4060
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010U	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020U	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10U	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene [a]	0.010UJ	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010U	0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene [b]	0.010UJ	0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane [c]	0.010UJ	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020U	0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035UJ	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	21%		14-67%
4165-62-2	Phenol-d5	14%		10-50%
118-79-6	2,4,6-Tribromophenol	88%		33-118%
4165-60-0	Nitrobenzene-d5	81%		42-108%
321-60-8	2-Fluorobiphenyl	72%		40-106%
1718-51-0	Terphenyl-d14	76%		39-121%

(a) Associated CCV and BS outside control limits.
(b) Associated CCV outside control limits.
(c) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC17		
Lab Sample ID:	FA46163-2	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C	**Percent Solids:**	96.8
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080620.D	1	08/04/17 23:12	AJC	n/a	n/a	GUV4267
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.65 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.4 U 2.4 U	4.7	2.4	2.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		56-149%
98-08-8	aaa-Trifluorotoluene	92%		66-132%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC17		
Lab Sample ID:	FA46163-2	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	96.8
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055263.D	1	08/09/17 14:39	MG	08/08/17 16:20	OP66350	GCC1171
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D [a]	0.025U	0.025 U	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex) [b]	0.0025U	0.0025 U	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	55%		39-135%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC17
Lab Sample ID: FA46163-2 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8081B SW846 3510C **Percent Solids:** 96.8
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85262.D	1	08/11/17 17:01	KL	08/04/17 08:15	OP66302	GKK2717
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
		0.000050U								
58-89-9	gamma-BHC (Lindane)		0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	R	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor	0.000050U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide	0.000050U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor [a]	0.00010U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	R	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	103%		42-127%
2051-24-3	Decachlorobiphenyl	116%		27-127%

(a) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC17		
Lab Sample ID:	FA46163-2	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8082A SW846 3546	**Percent Solids:**	96.8
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM44158.D	1	08/02/17 06:44	NJ	07/28/17 07:40	OP66183	GMM842
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	17	12	6.7	ug/kg	
11104-28-2	Aroclor 1221		12 U	17	12	8.3	ug/kg	
11141-16-5	Aroclor 1232		12 U	17	12	8.3	ug/kg	
53469-21-9	Aroclor 1242		12 U	17	12	6.7	ug/kg	
12672-29-6	Aroclor 1248		12 U	17	12	6.7	ug/kg	
11097-69-1	Aroclor 1254 [a]		12 U	17	12	6.7	ug/kg	
11096-82-5	Aroclor 1260 [a]		12 U	17	12	6.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		44-126%
2051-24-3	Decachlorobiphenyl	124%		41-145%

(a) Associated CCV outside of control limits high, sample was ND.

[redacted]

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC17		
Lab Sample ID:	FA46163-2	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	96.8
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ015993.D	1	08/03/17 14:27	SJL	07/31/17 08:00	OP66208	GJJ682
Run #2							

	Initial Weight	Final Volume
Run #1	19.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [a] 82.5 J	82.5	5.3	4.0	2.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	100%		56-122%

(a) Petroleum hydrocarbon pattern extends beyond C28.

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC17		
Lab Sample ID:	FA46163-2	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
		Percent Solids:	96.8
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method	
Arsenic	0.050U 0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Barium	0.045J 0.45 J	D005	100	2.0	0.050	0.050	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Cadmium	0.010U 0.010 U	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Chromium	0.050U 0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Lead	0.050 0.50	D008	5.0	0.050	0.020	0.011	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Mercury	0.0010U 0.0010 U	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/02/17	08/02/17	JL	SW846 7470A	1
Selenium	0.050U 0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Silver	0.0080J 0.0080 J	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2

(1) Instrument QC Batch: MA14265
(2) Instrument QC Batch: MA14270
(3) Prep QC Batch: MP32528
(4) Prep QC Batch: MP32529

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC17		
Lab Sample ID:	FA46163-2	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
		Percent Solids:	96.8
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.0	8.0				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.77U	0.77 U	1.5	0.77 [a]	0.77	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/08/17 19:00	KH	SW846 1010
Solids, Percent	96.8	96.8				%	1	07/27/17 17:36	CH	SM19 2540G
Sulfide Reactivity	52 U	52 U	52	52 [a]	52	mg/kg	1	08/01/17 10:22	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).
(b) Not ignitable.

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC18
Lab Sample ID: FA46163-3 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 96.5
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0985841.D	10	08/04/17 15:50	DP	08/02/17 14:00	OP66240	VJ5682
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result		HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050UJ	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050U	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0033B	0.0033	D022	6.0	0.010	0.0050	0.0030	mg/l	JB
106-46-7	1,4-Dichlorobenzene	0.0050U	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0050UJ	0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0050U	0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride	0.0050U	0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	92%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC18
Lab Sample ID: FA46163-3 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 96.5
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L0692676.D	1	08/10/17 19:23	NJ	08/04/17 08:15	OP66301	SL4060
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010U	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020U	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10U	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene [a]	0.010UJ	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010U	0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene [b]	0.010UJ	0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane [c]	0.010UJ	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020U	0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035UJ	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	24%		14-67%
4165-62-2	Phenol-d5	17%		10-50%
118-79-6	2,4,6-Tribromophenol	87%		33-118%
4165-60-0	Nitrobenzene-d5	85%		42-108%
321-60-8	2-Fluorobiphenyl	74%		40-106%
1718-51-0	Terphenyl-d14	78%		39-121%

(a) Associated CCV and BS outside control limits.
(b) Associated CCV outside control limits.
(c) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC18		
Lab Sample ID:	FA46163-3	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C	**Percent Solids:**	96.5
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080621.D	1	08/04/17 23:41	AJC	n/a	n/a	GUV4267
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.64 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10) 2.4U	2.4 U	4.8	2.4	2.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-149%
98-08-8	aaa-Trifluorotoluene	94%		66-132%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC18		
Lab Sample ID:	FA46163-3	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	96.5
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055266.D	1	08/09/17 15:28	MG	08/08/17 16:20	OP66350	GCC1171
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D [a]	0.025U	0.025 U	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex) [b]	0.0025U	0.0025 U	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	59%		39-135%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC18
Lab Sample ID: FA46163-3 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8081B SW846 3510C **Percent Solids:** 96.5
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85265.D	1	08/11/17 17:52	KL	08/04/17 08:15	OP66302	GKK2717
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
		0.000050U								
58-89-9	gamma-BHC (Lindane)		0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	R	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor	0.000050U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide	0.000050U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor [a]	0.00010U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	R	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		42-127%
2051-24-3	Decachlorobiphenyl	108%		27-127%

(a) Associated BS recovery outside control limits.

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC18
Lab Sample ID: FA46163-3
Matrix: SO - Soil
Method: SW846 8082A SW846 3546
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/26/17
Date Received: 07/27/17
Percent Solids: 96.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM44159.D	1	08/02/17 06:56	NJ	07/28/17 07:40	OP66183	GMM842
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	17	12	6.8	ug/kg	
11104-28-2	Aroclor 1221		12 U	17	12	8.5	ug/kg	
11141-16-5	Aroclor 1232		12 U	17	12	8.5	ug/kg	
53469-21-9	Aroclor 1242		12 U	17	12	6.8	ug/kg	
12672-29-6	Aroclor 1248		12 U	17	12	6.8	ug/kg	
11097-69-1	Aroclor 1254 [a]		12 U	17	12	6.8	ug/kg	
11096-82-5	Aroclor 1260 [a]		12 U	17	12	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		44-126%
2051-24-3	Decachlorobiphenyl	88%		41-145%

(a) Associated CCV outside of control limits high, sample was ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC18
Lab Sample ID: FA46163-3 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8015C SW846 3546 **Percent Solids:** 96.5
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ015996.D	1	08/03/17 15:54	SJL	07/31/17 08:00	OP66208	GJJ682
Run #2							

	Initial Weight	Final Volume
Run #1	19.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [a]	36.4 J	5.3	3.9	2.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		56-122%

(a) Petroleum hydrocarbon pattern extends beyond C28.

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC18		
Lab Sample ID:	FA46163-3	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
		Percent Solids:	96.5
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method	
Arsenic	0.050U 0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Barium	0.050U 0.050 U	D005	100	2.0	0.050	0.050	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Cadmium	0.010U 0.010 U	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Chromium	0.050U 0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Lead	0.020U 0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Mercury	0.0010U 0.0010 U	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/02/17	08/02/17	JL	SW846 7470A	1
Selenium	0.050U 0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Silver	0.020U 0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2

(1) Instrument QC Batch: MA14265
(2) Instrument QC Batch: MA14270
(3) Prep QC Batch: MP32528
(4) Prep QC Batch: MP32529

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC18		
Lab Sample ID:	FA46163-3	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
		Percent Solids:	96.5
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.3	8.3				su	1	08/04/17 19:30	ZC	SW846 CHAP7
Cyanide Reactivity	0.77U	0.77 U	1.6	0.77 [a]	0.77	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/10/17 16:10	LJ	SW846 1010
Solids, Percent	96.5	96.5				%	1	07/27/17 17:36	CH	SM19 2540G
Sulfide Reactivity	52 U	52 U	52	52 [a]	52	mg/kg	1	08/01/17 10:22	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC19
Lab Sample ID: FA46163-4 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 97.2
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0985842.D	10	08/04/17 16:14	DP	08/02/17 14:00	OP66240	VJ5682
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound	Result		HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050UJ	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050U	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0032B	0.0032	D022	6.0	0.010	0.0050	0.0030	mg/l	JB
106-46-7	1,4-Dichlorobenzene	0.0050U	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0050UJ	0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0050U	0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride	0.0050U	0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC19
Lab Sample ID: FA46163-4 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 97.2
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L0692677.D	1	08/10/17 19:53	NJ	08/04/17 08:15	OP66301	SL4060
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010U	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020U	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10U	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene [a]	0.010UJ	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010U	0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene [b]	0.010UJ	0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane [c]	0.020UJ	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020U	0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035UJ	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	23%		14-67%
4165-62-2	Phenol-d5	16%		10-50%
118-79-6	2,4,6-Tribromophenol	82%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	72%		40-106%
1718-51-0	Terphenyl-d14	80%		39-121%

(a) Associated CCV and BS outside control limits.
(b) Associated CCV outside control limits.
(c) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC19		
Lab Sample ID:	FA46163-4	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C	**Percent Solids:**	97.2
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080622.D	1	08/05/17 00:11	AJC	n/a	n/a	GUV4267
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.54 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10) 2.4U	2.4 U	4.8	2.4	2.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		56-149%
98-08-8	aaa-Trifluorotoluene	91%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC19		
Lab Sample ID:	FA46163-4	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	97.2
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055268.D	1	08/09/17 16:00	MG	08/08/17 16:20	OP66350	GCC1171
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D [a]	0.025U	0.025 U	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex) [b]	0.0025U	0.0025 U	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	65%		39-135%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC19
Lab Sample ID: FA46163-4 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8081B SW846 3510C **Percent Solids:** 97.2
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85266.D	1	08/11/17 18:08	KL	08/04/17 08:15	OP66302	GKK2717
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.000050U	0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	R	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor	0.000050U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide	0.000050U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor [a]	0.00010U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	R	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		42-127%
2051-24-3	Decachlorobiphenyl	101%		27-127%

(a) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC19		
Lab Sample ID:	FA46163-4	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8082A SW846 3546	**Percent Solids:**	97.2
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM44160.D	1	08/02/17 07:08	NJ	07/28/17 07:40	OP66183	GMM842
Run #2							

	Initial Weight	Final Volume
Run #1	14.7 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	17	12	7.0	ug/kg	
11104-28-2	Aroclor 1221		12 U	17	12	8.7	ug/kg	
11141-16-5	Aroclor 1232		12 U	17	12	8.7	ug/kg	
53469-21-9	Aroclor 1242		12 U	17	12	7.0	ug/kg	
12672-29-6	Aroclor 1248		12 U	17	12	7.0	ug/kg	
11097-69-1	Aroclor 1254 [a]		12 U	17	12	7.0	ug/kg	
11096-82-5	Aroclor 1260 [b]		12 U	17	12	7.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		44-126%
2051-24-3	Decachlorobiphenyl	82%		41-145%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high.

(b) (6)

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC19		
Lab Sample ID:	FA46163-4	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	97.2
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ015997.D	1	08/03/17 16:23	SJL	07/31/17 08:00	OP66208	GJJ682
Run #2							

	Initial Weight	Final Volume
Run #1	19.8 g	1.0 ml
Run #2		

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [a]	13.4 J	13.4	5.2	3.9	2.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		56-122%

(a) Petroleum hydrocarbon pattern extends beyond C28.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID: T030GL-WC19
Lab Sample ID: FA46163-4
Matrix: SO - Soil
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/26/17
Date Received: 07/27/17
Percent Solids: 97.2

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.050U 0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Barium	0.058J 0.058 J	D005	100	2.0	0.050	0.050	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Cadmium	0.010U 0.010 U	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Chromium	0.050U 0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Lead	0.020U 0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Mercury	0.0010U 0.0010 U	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/02/17	08/02/17	JL	SW846 7470A [1]
Selenium	0.050U 0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Silver	0.020U 0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]

(1) Instrument QC Batch: MA14265
(2) Instrument QC Batch: MA14270
(3) Prep QC Batch: MP32528
(4) Prep QC Batch: MP32529

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC19		
Lab Sample ID:	FA46163-4	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
		Percent Solids:	97.2
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	7.9	7.9				su	1	08/05/17 13:10	ZC	SW846 CHAP7
Cyanide Reactivity	0.77U	0.77 U	1.5	0.77 [a]	0.77	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/10/17 16:10	LJ	SW846 1010
Solids, Percent	97.2	97.2				%	1	07/27/17 17:36	CH	SM19 2540G
Sulfide Reactivity	51 U	51 U	51	51 [a]	51	mg/kg	1	08/01/17 10:22	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Raw Data: J0985843.D

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC20
Lab Sample ID: FA46163-5
Matrix: SO - Soil
Method: SW846 8260B SW846 1311
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/26/17
Date Received: 07/27/17
Percent Solids: 89.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0985843.D	10	08/04/17 16:37	DP	08/02/17 14:00	OP66240	VJ5682
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0070J	0.0070	D018	0.50	0.010	0.0050	0.0031	mg/l	J
78-93-3	2-Butanone (MEK)	0.035U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050U	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0031B	0.0031	D022	6.0	0.010	0.0050	0.0030	mg/l	JB
106-46-7	1,4-Dichlorobenzene	0.0050U	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0050UJ	0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0050U	0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride	0.0050U	0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC20
Lab Sample ID: FA46163-5 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 89.0
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L0692678.D	1	08/10/17 20:21	NJ	08/04/17 08:15	OP66301	SL4060
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010U	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020U	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10U	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene [a]	0.010UJ	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010U	0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene [b]	0.010UJ	0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane [c]	0.020UJ	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020U	0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035UJ	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	24%		14-67%
4165-62-2	Phenol-d5	15%		10-50%
118-79-6	2,4,6-Tribromophenol	84%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	70%		40-106%
1718-51-0	Terphenyl-d14	73%		39-121%

(a) Associated CCV and BS outside control limits.
(b) Associated CCV outside control limits.
(c) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC20		
Lab Sample ID:	FA46163-5	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C	**Percent Solids:**	89.0
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080623.D	1	08/05/17 00:40	AJC	n/a	n/a	GUV4267
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.78 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.7 U ~~2.7 U~~	5.5	2.7	2.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-149%
98-08-8	aaa-Trifluorotoluene	92%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC20		
Lab Sample ID:	FA46163-5	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	89.0
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055269.D	1	08/09/17 16:16	MG	08/08/17 16:20	OP66350	GCC1171
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D [a]	0.025U	0.025 U	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex) [b]	0.0025U	0.0025 U	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	51%		39-135%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC20		
Lab Sample ID:	FA46163-5	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	89.0
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85267.D	1	08/11/17 18:25	KL	08/04/17 08:15	OP66302	GKK2717
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.000050U	0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	R	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor	0.000050U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide	0.000050U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor [a]	0.00010U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	R	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		42-127%
2051-24-3	Decachlorobiphenyl	111%		27-127%

(a) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC20		
Lab Sample ID:	FA46163-5	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8082A SW846 3546	**Percent Solids:**	89.0
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	MM44462.D	4	08/10/17 01:53	NJ	08/04/17 08:00	OP66287	GMM846
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	52 U	52 U	74	52	30	ug/kg	
11104-28-2	Aroclor 1221		52 U	74	52	37	ug/kg	
11141-16-5	Aroclor 1232		52 U	74	52	37	ug/kg	
53469-21-9	Aroclor 1242		52 U	74	52	30	ug/kg	
12672-29-6	Aroclor 1248		52 U	74	52	30	ug/kg	
11097-69-1	Aroclor 1254		52 U	74	52	30	ug/kg	
11096-82-5	Aroclor 1260		52 U	74	52	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		44-126%
2051-24-3	Decachlorobiphenyl	62%		41-145%

(a) Dilution required due to matrix interference.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC20		
Lab Sample ID:	FA46163-5	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	89.0
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	WW11662.D	2	08/10/17 16:02	SJL	08/01/17 09:00	OP66227	GWW496
Run #2	WW11681.D	5	08/11/17 15:22	SJL	08/11/17 09:00	OP66394	GWW497

	Initial Weight	Final Volume
Run #1	19.6 g	1.0 ml
Run #2	20.1 g	2.0 ml

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [b] 120 J	120 [c]	56	42	28	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	42% [d]	91%	56-122%

(a) Confirmation run.
(b) Re-extract results reported because they were significantly higher than original results. Sample re-extracted beyond hold-time.
(c) Result is from Run# 2
(d) Outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC20		
Lab Sample ID:	FA46163-5	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
		Percent Solids:	89.0
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method	
Arsenic	0.050U 0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Barium	0.45J 0.45 J	D005	100	2.0	0.050	0.050	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Cadmium	0.0030J 0.0030 J	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Chromium	0.050U 0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Lead	0.020U 0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Mercury	0.0020J 0.0020 J	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/02/17	08/02/17	JL	SW846 7470A	1
Selenium	0.050U 0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Silver	0.020U 0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2

(1) Instrument QC Batch: MA14265
(2) Instrument QC Batch: MA14270
(3) Prep QC Batch: MP32528
(4) Prep QC Batch: MP32529

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC20		
Lab Sample ID:	FA46163-5	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
		Percent Solids:	89.0
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.8	8.8				su	1	08/05/17 13:10	ZC	SW846 CHAP7
Cyanide Reactivity	0.84U	0.84 U	1.7	0.84 [a]	0.84	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	>200				Deg. F	1	08/10/17 16:10	LJ	SW846 1010
Solids, Percent	89	89				%	1	07/28/17 12:15	VK	SM19 2540G
Sulfide Reactivity	56 U	56 U	56	56 [a]	56	mg/kg	1	08/01/17 10:22	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC21
Lab Sample ID: FA46163-6 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 97.1
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0985844.D	10	08/04/17 17:01	DP	08/02/17 14:00	OP66240	VJ5682
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050UJ	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050U	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene	0.0050U	0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform	0.0032B	0.0032	D022	6.0	0.010	0.0050	0.0030	mg/l	JB
106-46-7	1,4-Dichlorobenzene	0.0050U	0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene	0.0050UJ	0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene	0.0050U	0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride	0.0050U	0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC21
Lab Sample ID: FA46163-6 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 97.1
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L0692679.D	1	08/10/17 20:49	NJ	08/04/17 08:15	OP66301	SL4060
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010U	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020U	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.010U	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene [a]	0.010UJ	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010U	0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene [b]	0.010UJ	0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane [c]	0.020UJ	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020U	0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035UJ	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	25%		14-67%
4165-62-2	Phenol-d5	17%		10-50%
118-79-6	2,4,6-Tribromophenol	85%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	69%		40-106%
1718-51-0	Terphenyl-d14	79%		39-121%

(a) Associated CCV and BS outside control limits.
(b) Associated CCV outside control limits.
(c) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC21
Lab Sample ID: FA46163-6
Matrix: SO - Soil
Method: SW846 8015C
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/26/17
Date Received: 07/27/17
Percent Solids: 97.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080624.D	1	08/05/17 01:10	AJC	n/a	n/a	GUV4267
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.04 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10) 2.2U	2.2U	4.4	2.2	2.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-149%
98-08-8	aaa-Trifluorotoluene	91%		66-132%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC21		
Lab Sample ID:	FA46163-6	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	97.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055272.D	1	08/09/17 17:05	MG	08/08/17 16:20	OP66350	GCC1171
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D [a]	0.025U	0.025 U	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex) [b]	0.0025U	0.0025 U	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	50%		39-135%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC21
Lab Sample ID: FA46163-6 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8081B SW846 3510C **Percent Solids:** 97.1
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85268.D	1	08/11/17 18:42	KL	08/04/17 08:15	OP66302	GKK2717
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
58-89-9	gamma-BHC (Lindane)	0.000050U	0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	R	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor	0.000050U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide	0.000050U	0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor [a]	0.00010U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	R	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		42-127%
2051-24-3	Decachlorobiphenyl	104%		27-127%

(a) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC21
Lab Sample ID: FA46163-6
Matrix: SO - Soil
Method: SW846 8082A SW846 3546
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/26/17
Date Received: 07/27/17
Percent Solids: 97.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM44161.D	1	08/02/17 07:19	NJ	07/28/17 07:40	OP66183	GMM842
Run #2							

	Initial Weight	Final Volume
Run #1	14.5 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	18	12	7.1	ug/kg	
11104-28-2	Aroclor 1221		12 U	18	12	8.9	ug/kg	
11141-16-5	Aroclor 1232		12 U	18	12	8.9	ug/kg	
53469-21-9	Aroclor 1242		12 U	18	12	7.1	ug/kg	
12672-29-6	Aroclor 1248		12 U	18	12	7.1	ug/kg	
11097-69-1	Aroclor 1254 [a]		12 U	18	12	7.1	ug/kg	
11096-82-5	Aroclor 1260 [a]		12 U	18	12	7.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		44-126%
2051-24-3	Decachlorobiphenyl	111%		41-145%

(a) Associated CCV outside of control limits high, sample was ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC21		
Lab Sample ID:	FA46163-6	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	97.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW11647.D	1	08/09/17 22:02	SJL	08/01/17 09:00	OP66227	GWW495
Run #2							

	Initial Weight	Final Volume
Run #1	19.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [a]	6.67J	5.2	3.9	2.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		56-122%

(a) Petroleum hydrocarbon pattern extends beyond C28.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID:	T030GL-WC21		
Lab Sample ID:	FA46163-6	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
		Percent Solids:	97.1
Project:	Oro Grande, Fort Bliss, TX		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method	
Arsenic	0.050U 0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Barium	0.050U 0.050 U	D005	100	2.0	0.050	0.050	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Cadmium	0.010U 0.010 U	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Chromium	0.050U 0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Lead	0.020U 0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Mercury	0.0010U 0.0010 U	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/02/17	08/02/17	JL	SW846 7470A	1
Selenium	0.050U 0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Silver	0.0080J 0.0080 J	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2

(1) Instrument QC Batch: MA14265
(2) Instrument QC Batch: MA14270
(3) Prep QC Batch: MP32528
(4) Prep QC Batch: MP32529

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID: T030GL-WC21
Lab Sample ID: FA46163-6
Matrix: SO - Soil
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/26/17
Date Received: 07/27/17
Percent Solids: 97.1

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.0	8.0				su	1	08/05/17 13:10	ZC	SW846 CHAP7
Cyanide Reactivity	0.77U	0.77 U	1.5	0.77 [a]	0.77	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/10/17 16:10	LJ	SW846 1010
Solids, Percent	97.1	97.1				%	1	07/28/17 12:15	VK	SM19 2540G
Sulfide Reactivity	52 U	52 U	52	52 [a]	52	mg/kg	1	08/01/17 10:22	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).
(b) Not ignitable.

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC22
Lab Sample ID: FA46163-7 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8260B SW846 1311 **Percent Solids:** 96.1
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0104823.D	10	08/09/17 12:21	WV	08/08/17 13:00	OP66330	VN4789
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.231	0.231	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050U	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene		0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform		0.0050 U	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene		0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene		0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene		0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride		0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC22
Lab Sample ID: FA46163-7 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 96.1
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L0692680.D	1	08/10/17 21:18	NJ	08/04/17 08:15	OP66301	SL4060
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010U	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020U	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10U	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene [a]	0.010UJ	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010U	0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene [b]	0.010UJ	0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane [c]	0.020UJ	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020U	0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035UJ	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	22%		14-67%
4165-62-2	Phenol-d5	15%		10-50%
118-79-6	2,4,6-Tribromophenol	86%		33-118%
4165-60-0	Nitrobenzene-d5	80%		42-108%
321-60-8	2-Fluorobiphenyl	70%		40-106%
1718-51-0	Terphenyl-d14	80%		39-121%

(a) Associated CCV and BS outside control limits.
(b) Associated CCV outside control limits.
(c) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC22		
Lab Sample ID:	FA46163-7	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C	**Percent Solids:**	96.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080625.D	1	08/05/17 01:39	AJC	n/a	n/a	GUV4267
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.18 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.6 U 2.6 U	5.2	2.6	2.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		56-149%
98-08-8	aaa-Trifluorotoluene	92%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC22		
Lab Sample ID:	FA46163-7	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	96.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055273.D	1	08/09/17 17:21	MG	08/08/17 16:20	OP66350	GCC1171
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D [a]	0.025U	0.025 U	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex) [b]	0.0025U	0.0025 U	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	57%		39-135%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC22		
Lab Sample ID:	FA46163-7	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	96.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85271.D	1	08/11/17 19:32	KL	08/04/17 08:15	OP66302	GKK2717
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
		0.000050U								
58-89-9	gamma-BHC (Lindane)		0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	R	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor [a]	0.00010U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	R	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		42-127%
2051-24-3	Decachlorobiphenyl	107%		27-127%

(a) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC22
Lab Sample ID: FA46163-7
Matrix: SO - Soil
Method: SW846 8082A SW846 3546
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/26/17
Date Received: 07/27/17
Percent Solids: 96.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	MM44162.D	1	08/02/17 07:31	NJ	07/28/17 07:40	OP66183	GMM842
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	12 U	12 U	17	12	6.7	ug/kg	
11104-28-2	Aroclor 1221		12 U	17	12	8.4	ug/kg	
11141-16-5	Aroclor 1232		12 U	17	12	8.4	ug/kg	
53469-21-9	Aroclor 1242		12 U	17	12	6.7	ug/kg	
12672-29-6	Aroclor 1248		12 U	17	12	6.7	ug/kg	
11097-69-1	Aroclor 1254 [a]		12 U	17	12	6.7	ug/kg	
11096-82-5	Aroclor 1260 [a]		12 U	17	12	6.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		44-126%
2051-24-3	Decachlorobiphenyl	86%		41-145%

(a) Associated CCV outside of control limits high, sample was ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC22		
Lab Sample ID:	FA46163-7	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	96.1
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW11648.D	1	08/09/17 22:30	SJL	08/01/17 09:00	OP66227	GWW495
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [a]	68.3 J	5.1	3.8	2.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	97%		56-122%

(a) Petroleum hydrocarbon pattern extends beyond C28.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID: T030GL-WC22
Lab Sample ID: FA46163-7
Matrix: SO - Soil
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/26/17
Date Received: 07/27/17
Percent Solids: 96.1

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method
Arsenic	0.050U 0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Barium	0.42J 0.42 J	D005	100	2.0	0.050	0.050	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Cadmium	0.010U 0.010 U	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Chromium	0.050U 0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Lead	0.020U 0.020 U	D008	5.0	0.050	0.020	0.011	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Mercury	0.0010U 0.0010 U	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/02/17	08/02/17	JL	SW846 7470A [1]
Selenium	0.050U 0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]
Silver	0.020U 0.020 U	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C [2]

(1) Instrument QC Batch: MA14265
(2) Instrument QC Batch: MA14270
(3) Prep QC Batch: MP32528
(4) Prep QC Batch: MP32529

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC22		
Lab Sample ID:	FA46163-7	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
		Percent Solids:	96.1
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	7.9	7.9				su	1	08/05/17 13:10	ZC	SW846 CHAP7
Cyanide Reactivity	0.78U	0.78 U	1.6	0.78 [a]	0.78	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/10/17 16:10	LJ	SW846 1010
Solids, Percent	96.1	96.1				%	1	07/28/17 12:15	VK	SM19 2540G
Sulfide Reactivity	52 U	52 U	52	52 [a]	52	mg/kg	1	08/01/17 10:22	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

(b) (6)

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC23		
Lab Sample ID:	FA46163-8	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8260B SW846 1311	**Percent Solids:**	96.5
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0104824.D	10	08/09/17 12:45	WV	08/08/17 13:00	OP66330	VN4789
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP List — **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
71-43-2	Benzene	0.0050U	0.0050 U	D018	0.50	0.010	0.0050	0.0031	mg/l	
78-93-3	2-Butanone (MEK)	0.035U	0.035 U	D035	200	0.050	0.035	0.020	mg/l	
56-23-5	Carbon Tetrachloride	0.0050U	0.0050 U	D019	0.50	0.010	0.0050	0.0036	mg/l	
108-90-7	Chlorobenzene		0.0050 U	D021	100	0.010	0.0050	0.0020	mg/l	
67-66-3	Chloroform		0.0050 U	D022	6.0	0.010	0.0050	0.0030	mg/l	
106-46-7	1,4-Dichlorobenzene		0.0050 U	D027	7.5	0.010	0.0050	0.0026	mg/l	
107-06-2	1,2-Dichloroethane		0.0050 U	D028	0.50	0.010	0.0050	0.0031	mg/l	
75-35-4	1,1-Dichloroethylene		0.0050 U	D029	0.70	0.010	0.0050	0.0032	mg/l	
127-18-4	Tetrachloroethylene		0.0050 U	D039	0.70	0.010	0.0050	0.0022	mg/l	
79-01-6	Trichloroethylene		0.0050 U	D040	0.50	0.010	0.0050	0.0035	mg/l	
75-01-4	Vinyl Chloride		0.0050 U	D043	0.20	0.010	0.0050	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID: T030GL-WC23
Lab Sample ID: FA46163-8 **Date Sampled:** 07/26/17
Matrix: SO - Soil **Date Received:** 07/27/17
Method: SW846 8270D SW846 3510C **Percent Solids:** 96.5
Project: Oro Grande, Fort Bliss, TX

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L0692681.D	1	08/10/17 21:47	NJ	08/04/17 08:15	OP66301	SL4060
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	1.0 ml
Run #2		

ABN TCLP List **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
95-48-7	2-Methylphenol	0.010U	0.010 U	D023	200	0.050	0.010	0.0056	mg/l	
	3&4-Methylphenol	0.020U	0.020 U	D024	200	0.050	0.020	0.0098	mg/l	
87-86-5	Pentachlorophenol	0.10U	0.10 U	D037	100	0.25	0.10	0.050	mg/l	
95-95-4	2,4,5-Trichlorophenol	0.020UJ	0.020 U	D041	400	0.050	0.020	0.0074	mg/l	
88-06-2	2,4,6-Trichlorophenol	0.020UJ	0.020 U	D042	2.0	0.050	0.020	0.0075	mg/l	
106-46-7	1,4-Dichlorobenzene	0.020U	0.020 U	D027	7.5	0.050	0.020	0.0050	mg/l	
121-14-2	2,4-Dinitrotoluene [a]	0.010UJ	0.010 U	D030	0.13	0.050	0.010	0.0081	mg/l	
118-74-1	Hexachlorobenzene	0.010U	0.010 U	D032	0.13	0.050	0.010	0.0069	mg/l	
87-68-3	Hexachlorobutadiene [b]	0.010UJ	0.010 U	D033	0.50	0.050	0.010	0.0050	mg/l	
67-72-1	Hexachloroethane [c]	0.020UJ	0.020 U	D034	3.0	0.050	0.020	0.016	mg/l	
98-95-3	Nitrobenzene	0.020U	0.020 U	D036	2.0	0.050	0.020	0.0093	mg/l	
110-86-1	Pyridine	0.035UJ	0.035 U	D038	5.0	0.10	0.035	0.020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	20%		14-67%
4165-62-2	Phenol-d5	13%		10-50%
118-79-6	2,4,6-Tribromophenol	80%		33-118%
4165-60-0	Nitrobenzene-d5	71%		42-108%
321-60-8	2-Fluorobiphenyl	62%		40-106%
1718-51-0	Terphenyl-d14	82%		39-121%

(a) Associated CCV and BS outside control limits.
(b) Associated CCV outside control limits.
(c) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC23		
Lab Sample ID:	FA46163-8	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C	**Percent Solids:**	96.5
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV080628.D	1	08/05/17 03:07	AJC	n/a	n/a	GUV4267
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.64 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
	TPH-GRO (C6-C10)	2.4 U 2.4 U	4.8	2.4	2.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		56-149%
98-08-8	aaa-Trifluorotoluene	93%		66-132%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC23		
Lab Sample ID:	FA46163-8	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8151A SW846 3510C	**Percent Solids:**	96.5
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC055274.D	1	08/09/17 17:37	MG	08/08/17 16:20	OP66350	GCC1171
Run #2							

	Initial Volume	Final Volume
Run #1	10.0 ml	5.0 ml
Run #2		

Herbicide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
94-75-7	2,4-D [a]	0.025 U	0.025 U	D016	10	0.050	0.025	0.017	mg/l	
93-72-1	2,4,5-TP (Silvex) [b]	0.0025U	0.0025 U	D017	1.0	0.0050	0.0025	0.0013	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	50%		39-135%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC23		
Lab Sample ID:	FA46163-8	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	96.5
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	KK85272.D	1	08/11/17 19:49	KL	08/04/17 08:15	OP66302	GKK2717
Run #2							

	Initial Volume	Final Volume
Run #1	100 ml	5.0 ml
Run #2		

Pesticide TCLP Leachate **TCLP Leachate method SW846 1311**

CAS No.	Compound		Result	HW#	MCL	LOQ	LOD	DL	Units	Q
		0.000050U								
58-89-9	gamma-BHC (Lindane)		0.000050 U	D013	0.40	0.00010	0.0000500	0.000022	mg/l	
12789-03-6	Chlordane	R	0.00050 U	D020	0.030	0.0010	0.00050	0.00038	mg/l	
72-20-8	Endrin	0.000050U	0.000050 U	D012	0.020	0.00020	0.0000500	0.000021	mg/l	
76-44-8	Heptachlor		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000026	mg/l	
1024-57-3	Heptachlor epoxide		0.000050 U	D031	0.0080	0.00010	0.0000500	0.000020	mg/l	
72-43-5	Methoxychlor [a]	0.00010U	0.00010 U	D014	10	0.00020	0.00010	0.000050	mg/l	
8001-35-2	Toxaphene	R	0.0038 U	D015	0.50	0.0050	0.0038	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		42-127%
2051-24-3	Decachlorobiphenyl	102%		27-127%

(a) Associated BS recovery outside control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 261 7/1/11) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC23		
Lab Sample ID:	FA46163-8	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8082A SW846 3546	**Percent Solids:**	96.5
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	MM44157.D	4	08/02/17 06:33	NJ	07/28/17 07:40	OP66183	GMM842
Run #2							

	Initial Weight	Final Volume
Run #1	14.5 g	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
12674-11-2	Aroclor 1016	50 U	71	50	29	ug/kg	
11104-28-2	Aroclor 1221	50 U	71	50	36	ug/kg	
11141-16-5	Aroclor 1232	50 U	71	50	36	ug/kg	
53469-21-9	Aroclor 1242	50 U	71	50	29	ug/kg	
12672-29-6	Aroclor 1248	50 U	71	50	29	ug/kg	
11097-69-1	Aroclor 1254 [b]	50 U	71	50	29	ug/kg	
11096-82-5	Aroclor 1260 [b]	50 U	71	50	29	ug/kg	

50 U

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		44-126%
2051-24-3	Decachlorobiphenyl	78%		41-145%

(a) Dilution required due to matrix interference.

(b) Associated CCV outside of control limits high, sample was ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value

LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

SGS Accutest

Report of Analysis

Client Sample ID:	T030GL-WC23		
Lab Sample ID:	FA46163-8	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
Method:	SW846 8015C SW846 3546	**Percent Solids:**	96.5
Project:	Oro Grande, Fort Bliss, TX		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	WW11649.D	4	08/09/17 22:59	SJL	08/01/17 09:00	OP66227	GWW495
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

CAS No.	Compound		Result	LOQ	LOD	DL	Units	Q
	TPH (C10-C28) [b]	20.4 J	20.4	20	15	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		56-122%

(a) Dilution required due to matrix interference.
(b) Petroleum hydrocarbon pattern extends beyond C28.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

(b) (6)

Report of Analysis

Client Sample ID: T030GL-WC23
Lab Sample ID: FA46163-8
Matrix: SO - Soil
Project: Oro Grande, Fort Bliss, TX

Date Sampled: 07/26/17
Date Received: 07/27/17
Percent Solids: 96.5

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	LOQ	LOD	DL	Units	DF	Prep	Analyzed	By	Method	
Arsenic	0.050U 0.050 U	D004	5.0	0.10	0.050	0.013	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Barium	0.39J 0.39 J	D005	100	2.0	0.050	0.050	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Cadmium	0.010U 0.010 U	D006	1.0	0.050	0.010	0.0020	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Chromium	0.050U 0.050 U	D007	5.0	0.10	0.050	0.010	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Lead	0.13J 0.13 J	D008	5.0	0.050	0.020	0.011	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Mercury	0.0010U 0.0010 U	D009	0.20	0.0050	0.0010	0.00050	mg/l	1	08/02/17	08/02/17	JL	SW846 7470A	1
Selenium	0.050U 0.050 U	D010	1.0	0.10	0.050	0.029	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2
Silver	0.0080J 0.0080 J	D011	5.0	0.10	0.020	0.0070	mg/l	1	08/02/17	08/03/17	LM	SW846 6010C	2

(1) Instrument QC Batch: MA14265
(2) Instrument QC Batch: MA14270
(3) Prep QC Batch: MP32528
(4) Prep QC Batch: MP32529

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD
LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

Report of Analysis

Client Sample ID:	T030GL-WC23		
Lab Sample ID:	FA46163-8	**Date Sampled:**	07/26/17
Matrix:	SO - Soil	**Date Received:**	07/27/17
		Percent Solids:	96.5
Project:	Oro Grande, Fort Bliss, TX		

General Chemistry

Analyte		Result	LOQ	LOD	DL	Units	DF	Analyzed	By	Method
Corrosivity as pH	7.9	7.9				su	1	08/05/17 13:10	ZC	SW846 CHAP7
Cyanide Reactivity	0.77U	0.77 U	1.6	0.77 [a]	0.77	mg/kg	1	08/02/17 16:05	KH	SW846 CHAP7
Ignitability (Flashpoint) [b]	> 200	> 200				Deg. F	1	08/10/17 16:10	LJ	SW846 1010
Solids, Percent	96.5	96.5				%	1	07/28/17 12:15	VK	SM19 2540G
Sulfide Reactivity	52 U	52 U	52	52 [a]	52	mg/kg	1	08/01/17 10:22	CH	SW846 CHAP7

(a) Value reported is laboratory DL (MDL).

(b) Not ignitable.

LOQ = Limit of Quantitation DL = Detection Limit U = Indicates a result < LOD

LOD = Limit of Detection B = Analyte found in associated blank J = Indicates a result > = DL (MDL) but < LOQ

(b) (6)

EMSL Analytical, Inc.
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EMSL Order:	341706796
Customer ID:	ACCT51B
Customer PO:	
Project ID:	

Attention:	Andrea Colby	**Phone:**	(407) 425-6700
	Accutest	**Fax:**	(407) 425-0707
	4405 Vinland Road	**Received Date:**	07/27/2017 12:30 PM
	Orlando, FL 32811	**Analysis Date:**	08/03/2017
		Collected Date:	07/27/2017
Project:	FA46163X		

5

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
2X	T030GL-WC17	Brown Non-Fibrous		35% Quartz 5% Ca Carbonate	None Detected
341706796-0001		Heterogeneous		60% Non-fibrous (Other)	
3X	T030GL-WC18	Brown Non-Fibrous		45% Quartz 5% Ca Carbonate	None Detected
341706796-0002		Heterogeneous		50% Non-fibrous (Other)	
4X	T030GL-WC19	Brown Non-Fibrous		50% Quartz 5% Ca Carbonate	None Detected
341706796-0003		Heterogeneous		45% Non-fibrous (Other)	
5X	T030GL-WC20	Tan Non-Fibrous		50% Quartz 5% Ca Carbonate	None Detected
341706796-0004		Heterogeneous		45% Non-fibrous (Other)	
6X	T030GL-WC21	Tan Non-Fibrous		50% Quartz 5% Ca Carbonate	None Detected
341706796-0005		Heterogeneous		45% Non-fibrous (Other)	
7X	T030GL-WC22	Tan Non-Fibrous		50% Quartz 5% Ca Carbonate	None Detected
341706796-0006		Heterogeneous		45% Non-fibrous (Other)	
8X	T030GL-WC23	Tan Non-Fibrous		50% Quartz 10% Ca Carbonate	None Detected
341706796-0007		Heterogeneous		40% Non-fibrous (Other)	

(b) (6)

Analyst(s)
Timothy Kleehammer (7)

Initial report from: 08/03/2017 11:36:12

(b) (6)